APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

EXCITATION OF LIVING CELLS AS A DISTURBANCE OF THE STEADY STATE OF OPEN SYSTEMS, BY V. YA. ALEKSANDROV, 10 PP.

RUSSIAN, PER, IZVESTIYA AKADEMII NAUK SSSR (SERIYA BIOLOGICHESKAYA), NO 4, 1963, PP 621-629.

JPRS 21097

MED-BIOL

SEP 63

343,801

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

S-770/63

On the Work of the Scientific Conference of the All-Union Society of Helminthologists, by Ye. S. Leykina, A. A. Mozgovoy, et al. NY-7792

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, 1963, pp 630-634.

*JPRS

Sci - Biol & Med Sci
Sep 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

S-1074/63

The Biogeochemistry of Sulfur, by S. I. Kuznetsov. (SF-2917)

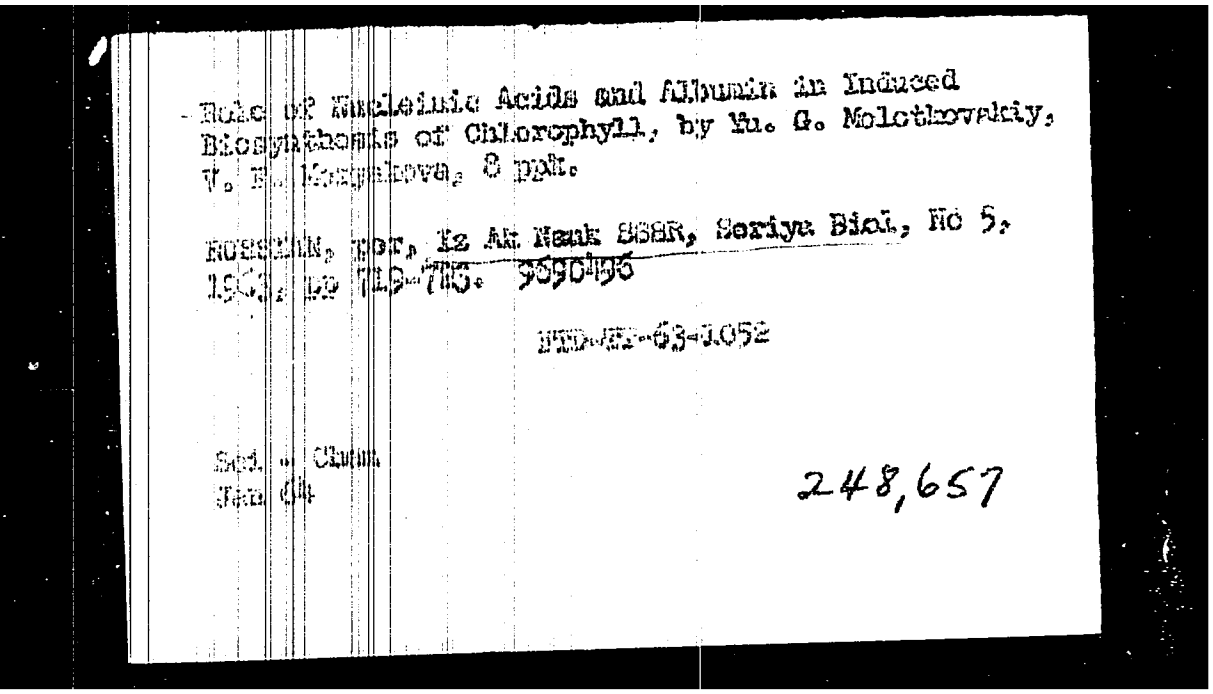
RUSSIAN, per, Iz Ak Nauk SSSR -- Seriya Biology, No 5, 1963, pp 668-680.

*JPRS

Sci - Biol & Med Sci
Nov 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7



- Role of Nucleinic Acids and Albumin in Induced Biosynthesis of Chlorophyll, by Yu. G. Molotkovskiy, V. E. Mostyakova, 8 ppl.

RUSSIAN, DOK, Ak Nauk SSSR, Seriya Biol, No 5, 1963, pp 782-785. 5590496

PUB-82-63-1052

Sec. of Chem
Jan 64

248,657

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Bioelectric Activity of Skeletal Musculature Under Conditions of Intermittent Effect of Overloads and Weightlessness, by Ye. M. Yugnov, I. I. Kas'yan, 12 pp.

RUSSIAN, [illegible] Ak Nauk SSSR, Seriya Biol, No 5, 1963, pp 748-754. 9690496

JPRS-TT-63-1052

248,658

Sci - Biol & Med Sci
Jan 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

ELECTRON MICROSCOPIC OBSERVATIONS OF CHONDROGENESIS DURING LONG BONE REGENERATION, BY L. N. MIKHAYLOVA, 8 PP.

RUSSIAN, PER IZVEST AK NAUK SSSR, SER BIOL, NO 5, X 1963, PP 763-767.

MR JPRS 221.8

SCI-BIOL & MED SCI
DEC 63

243,322

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Microbiological Principles for Regulation of the Ensilage Process, by Ye. N. Mishustin, V. A. Mirozoyeva, 18 pp.

RUSSIAN, per, Izvest Ak nauk SSSR, Seriya Biolog, No 6, 1963, pp 785-797.

JPRS 22838

Sci-Biol & Med
Jan 64

247, 064

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Chemical Preservation of Very Damp Fodder, by M. T. Taranov, 27 pp.

RUSSIAN, per, Izvest Ak nauk SSSR, Seriya Biolog, No 6, 1963, pp 808-829.

JPRS 22838

Sci-Biol & Med
Jan 64

247, 065

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Effect of a Growth Substance of Petroleum Origin NRV on the Growth, Development, and Physiological Changes of Plants and the Potato Yield Under Conditions of Uzbekistan, by G. I. Abolina, V. V. Berezhnova, 10 pp. (NY-9013)
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biolo, No 6, 1963, pp 862-870.

JPRS 23577

Scl - Biol
Mar 64

251, 604

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Nature of Micronecrotic Foci of Hemopoietic Organs of Animals Exposed to Radiation, by M. N. Meysel, V. M. Manteyfel, 12 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Seriya Biologi, No 6, 1963, pp 871-878.

JPRS 22915

Sci-Biol & Med
Jan 64

247, 132

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The State of Weightlessness and Artificial Gravity, by I. I. Kas'yan, V. I. Kopanev, 25 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biol, No 6, 1963, pp 880-891. 9692295
FTD-TT-64-140

Sici - Biol & Med Sci
May 64

267,662

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Use of Chemical Agents and Biologically Active Preparations in Animal Husbandry, by V. G. Kocherezhkin, 8 pp.

RUSSIAN, per, Izvest Ak nauk SSSR, Seriya Biolog, No 6, 1963, pp 924-928.

JPRS 22838

Sci-Biol & Med
Jan 64

247, 066

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Physiological Reactions of Cosmonauts During the Action of G-Loads and Weightlessness, by V. I. Yazdovskiy, I. I. Kas'yan, et al, 21 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biologi, Vol XXIX, No 1, 1964, pp 12-31. JPRS 23917

Sci - Biol
Apr 64

254, 214

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Biology of the "Chewing Louse" Menacanthus Stramineus (Nitzsche) in Farmyard Fowls by R. Grebenyuk, S. Kasiev.
RUSSIAN, per, Izvestiya Akademii Nauk Kirgizskoi SSR Seriya Biologicheskikh Nauk.
Vol. 6, No. 2, 1964, pp 59-69
CSIRO/No.7514

Sci -
Aug 67 335-562

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Utilization of Phosphorus Isotope P32 for the Study of the Role Played in Plant Nutrition by Individual Roots and Various Parts of a Root System, by I. I. Kolosov. 39 pp.
RUSSIAN, per, Izvestiya. Akademiya Nauk SSSR. Seriya Biologicheskaya, No 1, 1964, pp 95-109.
CFSTI TT-66-61553

Sci/Bio
Apr 67

322,457

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

S-241/64

Stimulation of the Biosynthesis of Chlortetracycline by Aromatic Amino Acid Antagonists, by V. N. Shaposhnikov, V. G. Plakunova. (SF-3037)

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biol, Vol XXIX, No 1, 1964, pp 132-136.

*JPRS

Sci-Biol

Mar 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Natural Radioactivity of Soils, by V. I. Baranov, V. I. Vernadskiy, 9 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biiolog, Vol XXIX, No 1, 1964, pp 159-163.
JPRS 23912

Sci - Agri
Apr 64 254, 213

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Status and Prospects of Chemization of Agriculture in the USSR, by A. V. Peterburgskiy, 26 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biolog, No 2, Mar, Apr 1964, pp 177-196.
JPRS 26366

Sci - Agri
Sep 64

267,244

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Dynamics of Blood Circulation Parameters of the Cerebral Vascular System During Longitudinal Gravitational Loads, by Yu. Ye. Moskalenko, O. G. Gazenko, 32 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biologicheskaya, No 2, 1964, pp 280-297. 9695093
FTD-TT-64-534

Sci - Biol & Med Sci
Nov 64

269,077

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Emotional Stress of Cosmonauts During Space Flights, by V. I. Yazdovskiy, G. V. Altukhov, 10 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biologicheskaya, No 2, 1964, pp 306-311. 9695093
FTD-TT-64-534

Sci - Biol & Med Sci
Nov 64

269,078

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

A Symposium on Applied Microbiology, by
Ye. N. Mishustin, N. D. Ierusalimskiy, 17 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biologicheskaya,
No 2, 1964, pp 325-3231. 969509?3
FTD-TT-64-534

Sci - Biol & Med Sci
Nov 64

269,079

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Certain Results of and Long-Term Prospects for the Development of Radiobiological Research in Space, by N. M. Sisakyan, V. V. Parin, 15 pp. RUSSIAN, per, Iz Ak Nauk SSSR Seriya Biol, No 3, May/Jun 1964, pp 341-351. JPRS 25844

Sci - Biol & Med
Aug 64

265,619

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Blood Circulation Under Conditions of Weightlessness
by I. I. Kas'yan V. I. Kopanev, 26 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biol,
No 3, May/Jun 1964, pp 352-368.
JPRS 25844

Sxci - Biol & Med
Aug 64

265,620

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Sensitivity of Vestibular Analyzers and Sensory Reactions in Man During Brief Weightlessness, 10 pp.
RUSSIAN, per, Iz Ak Nauk SSSR Seriya Biol, No 3, May/Jun 1964, pp 369-375.
JPRS 25844
FTD-TT-64-1052(9695/65)

Sci - Biol & Med
Aug 64

265,2621

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Application of Polarographic Method of Determination of Oxygen Tension in Tissues of Brain During High-Altitude Flight, by Ye. A. Kovalenko, V. L. Popkov, 17 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biol, No 3, May/Jun 1964, pp 376-387.
JPRS 25844

Sci - Biol & Med
Aug 64

265,134

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Chemism of Photosynthetic Phosphorylation,
by N. M. Sisakyan, R. M. Bekina, 23 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biolog,
No 3, 1964, pp 396-409.
JPRS 26179

Sci - Chem
Sep 64

266,358

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Session of the General Meeting of the Academy of Sciences USSR, by V. G. Kocherezhkin, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR--Seriya Biolog, No 3, 1964, pp 490-492.
JPRS 25805

Sci - Misc
Aug 64

265,742

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

In the Scientific Council for Problems of Physiology and Biochemistry of Microorganisms Academy of Sciences USSR, by I. N. Kuksa, 6 pp.
RUSSIAN, per. Iz Ak Nauk SSSR, Seriya Biologi, No 3, May, Jun 1964, pp 492-494.
JPRS 25526

Sci - B & M
Aug 64

264,155

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Physiological Reactions of Animals During Flights on the Third, Fourth, and Fifth Spaceship-Satellites, by O. G. Gazenko, I. I. Kas'yan, 16 pp. RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, Jul, Aug 1964, pp 497-510. JPRS 26994

FTD MT- 64-360

1697207

Sci - B & M
Dec 64

269,9920

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Motor Reactions Under Conditions of Weightlessness
by I. I. Kas'yan, V. I. Kopanev, 16 pp.

RUSSIAN, per, Izvestiya Ak Nauk SSSR, Ser Biolog,
No 5, Sep-Oct 1964, pp 677-689.

JPRS 27591

Sci-Biol&Med
Jan 65

272,042

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Changes in Myocardial Oxygen Tension in Response to Stimulation of Gastric Chemoreceptors, by G. M. Agasi, 22 p.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskikh, Vol V, 1964, pp 95-101.
CFSTI TT 66-60411

Sci-B&M
Jun 66

303,705

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Influence of Interoceptive Afferentation upon Excitation of the Vomiting Center during Motion Sickness, by I. D. Pestov, 8 pp. RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 5, Sept/Oct 1964, pp. 690-694.
JPRS 30843

USSR
Sci-B/M
Jul 65

232,011

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Genetic Recombination in Actinophages,
by S. I. Alikhanyan, N. D. Lomovskaya.

RUSSIAN, per, Iz Ak Nauk, Ser Biol, No 5, 1964,
pp 721-726.

*USDA

Sci - B & M Sci
Nov 64
List 76

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Achievements in Biology and Chemistry -- For the People's Economy, by V. G. Kocherezhkin.

RUSSIAN, per, Iz Ak Nauk, Ser Biol, No 5, 1964, pp 779-788.

*USDA

Sci - B & M Sci
Nov 64
List 76

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Cytophysiological and Biochemical Investigations of Microorganisms During Their Restoration Following Radiation Injury, by M. N. Meysel' et al, 32 pp.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 6, November-December 1964, pp 827-850.
JPRS 28405

Sci-Biol & Med
Feb 65

273,872

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Methods of Quantitative Analysis of Changes Arising After Exposure to Ionizing Radiation, by G. N. Shangin-Berezovskiy, 11 pp. RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 6, November-December 1964, pp 852-860. JPRS 28405

Sci-Biol & Med
Feb 65

273,873

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Effects of Gravitation in the Formation of Functions of the Organism, by P. K. Isakov, Ye. M. Yuganov, I. I. Kas'yan, 6 pp.
RUSSIAN, per, Izvestiya Akademi Nauk SSSR, Seriya Biologicheskaya, No 6, November-December 1964, pp 913-915.
JPRS 28405

Sci-Biol & Med
Feb 65

273,874

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Problems of Molecular Biology, by V. G. Kocharezhkin, 9 pp.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Biologicheskaya, No 6, 1964, pp 936-941.
JPRS 20827

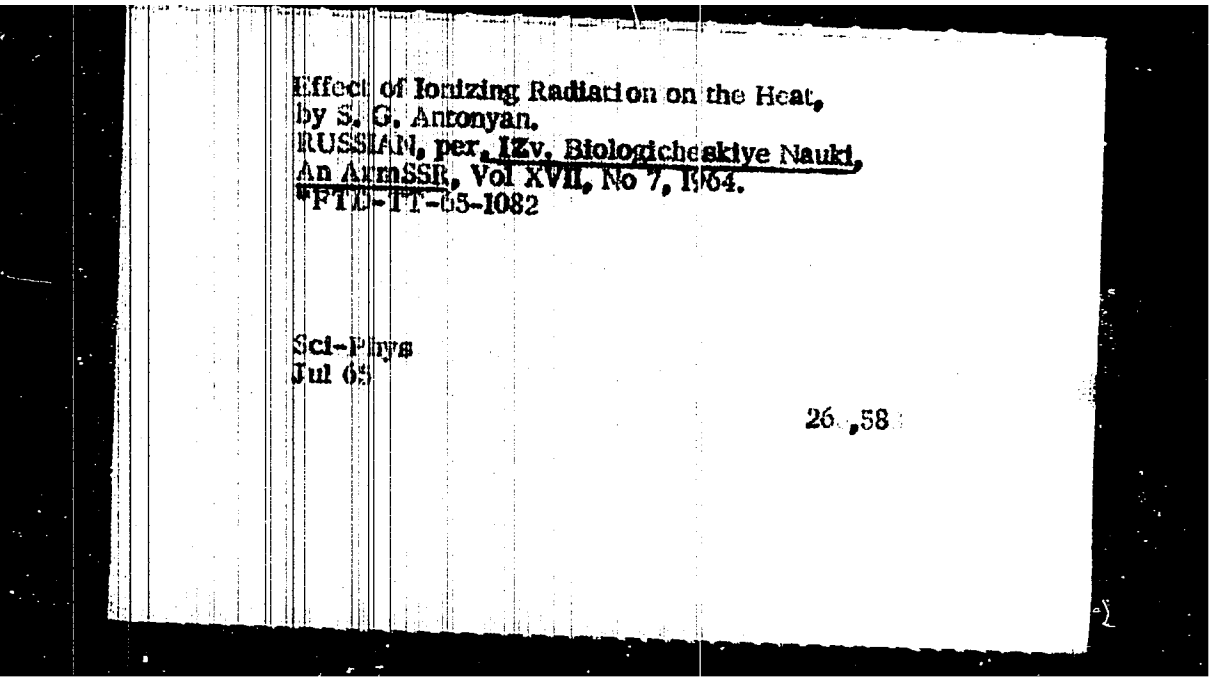
2709/

Sci-Biol & Med
Mar 65

275,872

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7



Effect of Ionizing Radiation on the Heat,
by S. G. Antonyan.
RUSSIAN, per. IZv. Biologicheskiye Nauki,
An ArmSSR, Vol XVII, No 7, 1964.
FTD-TT-65-1082

Sci-Phys
Jul 65

26 ,58

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Diurnal Periodocity in the Stages of Reindeer Spermatogenesis, by E. K. Borozdin, RUSSIAN, per. Izvestiya Akademiya Nauk SSSR, Seriya Biologo-MeditsynskikhNauk, Vol IV, No 1, 1964, pp 101-105.
*CFSTI TT 67-51234

Sci-B&M
Nov 66

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Effect of Medium and of Adsorption Layers On the Plastic Flow of Metals, by P. A. Rebynder, and E. K. Venstrem, 11 pp.

RUSSIAN, Iz Ak Nauk SSSR, Ser fiz , Vol 4 1937, pp 531-550.

Sci Museum No 51/2958

Scientific

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Measurement of the Self-diffusion Coefficient of Gold, by A. M. Zagrubskiy
RUssian, per, Izvest. Akad. Nauk SSSR, Ser. Fiz. No. 6, 1937, pp. 903-913
*CFSTI TT 70-57030

Sci/phys
Feb 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Investigation of the Structure of the Fluorescence Spectrum of Aniline Vapours, by A. T. Vartanyan, 44 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, No 3, 1938, pp 341-368.

Nat'l Res Lib TT443
Sci Mn Lib No 54/2915

Scientific - Chemistry

Nov 1954 CTS

19,699

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Behaviour of Semiconductors in Strong Electrical Fields, by N. L. Pisarenko, 19 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, 1938, pp 631-640.

SLA R-1957

Sci

Jul 58

68,319

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Energy Losses of Fast Electrons, by L. A. Artsimovich, V. A. Khramov.

RUSSIAN, per, Iz Ak Nauk Ser Fiz, 1938, pp 753-757

AEC Tr

Scientific - Physics

14,546

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Temperature Dependence of the Refractive Index and the Combination Scattering of the Second Order, by L. M. Lurvin, 9 pp.

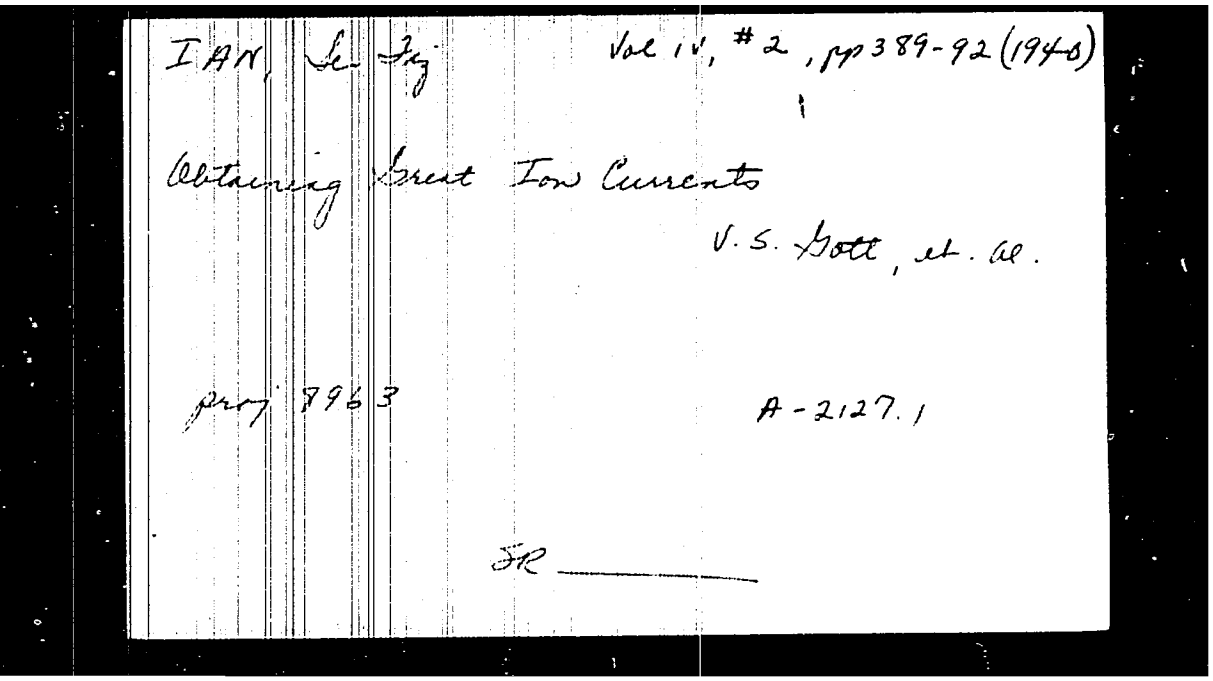
RUSSIAN, per, Z. Ak Nauk, Fiz Ser, Vol IV, No 1, 1940, pp 111 - 113.

MRL 191

CIA 12494

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7



IAN, Sc. Ig. Vol IV, #2, pp 389-92 (1948)

Obtaining Great Ion Currents

V. S. Gott, et. al.

proj 8963 A-2127.1

SR _____

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

S-2855

Reflection of an Electromagnetic Impulse From an Nonuniform Layer.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol IV, No 3, 1940.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Iz Ak Nauk SSSR, Seriya Fiz Vol 5(1941)

The Theory of Mesotron and Nuclear Forces.
by I. A. Tamm

AEC Trans (avail. Brookhaven)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Iz Ak Nauk SSSR, Seriya Fiz Vol 5, (1941)

Isomerism of Atomic Nuclei. By L. I. Rusinov

AEC Trans (avail. Brookhaven)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Iz Ak Nauk SSSR, Seriya Fiz Vol 5 (1941)

Application of artificial radioactive materials in biology and medicine, by G. M. Frank.

AEC Trans (avail Brookhaven)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Rozhdestvenskiy

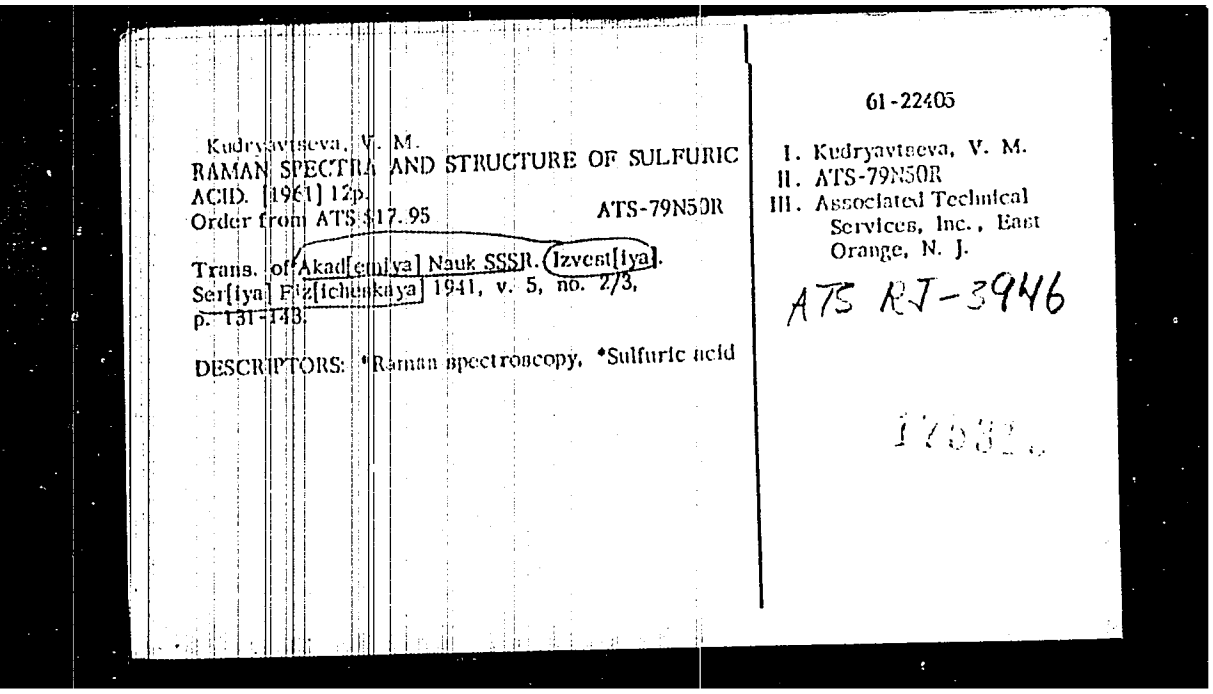
RUSSIAN, per, Izvestiia Ak. Nauk SSSR ser Fiz. 5, 1941, pp. 97-101.

*PL 480
OTS 61-11437

Nov 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7



Kudryavtseva, V. M.
RAMAN SPECTRA AND STRUCTURE OF SULFURIC ACID. [1961] 12p.
Order from ATS $17.95 ATS-79N50R

Trans. of Akad[emiya] Nauk SSSR. Izvest[iya]. Ser[iya] Fiz[icheskaya] 1941, v. 5, no. 2/3, p. 131-148.

DESCRIPTORS: *Raman spectroscopy, *Sulfuric acid

61-22405

I. Kudryavtseva, V. M.
II. ATS-79N50R
III. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-3946

17932

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Calculation of the Frequencies of Vibration of Organic Molecules, by M. A. El'iashevich, B. I. Stepanov, 4 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2-3, 1941, pp 155-157.

Sci Trans Center RT-514

Scientific - ~~Mathematics~~ Physics 10,935

CTS/DEX

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Alternating Current Arc as a Light Source for Quantitative Spectral Analysis, by N. S. Sventitskiy, 15 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 222-228.

Sci Trans Center RT-3236

32,073

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Dependence of Spectrum-Line Intensities on the Volatility of Ore Ingredients in a Carbon Arc, by A. K. Russanov.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, 1941, pp 235-240.

SLA R-2994

Sci

Jul 59

92,429

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Experience of the Special Laboratory of the All-Union Institute of Aviation Materials, by K. A. Sukhenko, 15 pp.

RUSSIAN, trimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 258-265.

Sci Trans Center RT-3230

32,071

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Experience in the Application of Spectral Analysis in the Ordjonikidze Plant, by A. P. Vasin, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 272-276.

Sci Trans Center RT-3232

32,076

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Application of Spectral Analysis in the Work of Kirov Aluminium Plant, by M. S. Belelskiy, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 277-279.

Sci Trans Center RT-3233

32,055

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

From Experience in the Application of Spectral Analysis, by I. A. Sokolova, V. I. Filin, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 280-283.

Sci Trans Center PT-3234

32,067

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Influence of the Background in the Spectrum on the Intensity of Spectrum Lines, Measured by the Blackening of a Photographic Plate, by N. V. Buyenov, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 293-295.

Sci Trans Center RT-3246

32,058

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Organization of the Production of Standard Analyzed Samples for Use in the Spectrochemical Analysis of Ferrous Metals, by M. I. Aklani, 3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 328-330.

Sci Trans Center RT 3239

Sci - Physics

32,054

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Some Results of the Construction of Spectral Apparatus, by S. A. Khrshanovskiy, 17 pp.

RUSSIAN, bimo, per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 376-386.

Sci Trans Center RT-3237

32,065

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Several New Constructions of Apparatus for Spectral Analysis, by L. M. Ivantsov, K. P. Krylov, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol V, No 2/3, 1941, pp 387-390.

AEC Tr 779
Sci Trans Center RT-3238
32,064

Sci - Physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Thermo-Electric Effect of Lead Sulphide, by
E. D. Devyatkova, Yu. P. Maslakovets, M. S. Sominskiy,

RUSSIAN, per, Iz Ak Nauk SSSR, Ser, Fiz, Vol V,
No 4/5, 1941, pp 409-416.

TPA3/TIB Tr No T 4342

21,829

Scientific - Physics, Electricity Mar 55 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Moldaver, T. I.
SELENIUM RECTIFIERS (O Selenovykh Vypryamitel-yakh). [1963] [25]p. (foreign text included) 14 refs. Order from OTS or SLA $2.60 63-14422

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Fizicheskaya, 1941 [v. 5] no. 4/5, p. 457-466.

DESCRIPTORS: *Dry disk rectifiers, *Rectifiers, *Selenium, Vapors, Condensation, Electrodes, Vacuum apparatus, Cadmium, Manufacturing methods.

A method is described for the mass preparation of washers (Rectifier Discs) for solid selenium rectifiers, this method being based on the condensation of selenium vapours in vacuum. The results of using Fe, Ni, Al, Cd, Cu and Zn as a material for preparation of contact electrodes are reported. It is shown that the large resistance in the easy flow direction, which arises if cadmium is made use of for the preparation (Engineering--Electronic, TT, v. 10, no. 4) (over)

63-14422

I. Moldaver, T. I.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Izvest Akad Nauk, SSSR, Seriya Fizicheskaya
5, 1941 pp 555-587

Done by AEC

CP-3021 Materials of the conference on the physics of atomic nuclei of the Div of Physical and Math Sci of the Acad of Sci of the USSR Moscow, Nov 26, 1940, by I. E. Tamm, L. I. Rusinov, I. V. Kurchatov, and G. M. Frank

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

On the Effect of Refraction in the Troposphere on Ultrashort Radiowave Propagation by Diffraction, by B. A. Vvedenskiy, 20 pp.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol VI, No's 1/2, 1942, pp 41-k 55.

Morris D. Friedman V-118

Scientific - Physics

Jan 56 OTS/mxx
$10.00 30,271

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Equations of Turbulent Motion of an Incompressible Fluid, by A. N. Kolmogorov, RUSSIAN, per. Izv. A. N. SSSR, Ser. Fiz., Vol 6, No 1-2, 1942, pp56-58.
NLL Ref: 5828.4F (M 13459)

Sci/Phys
Apr 70

406,714

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

On the Reflection of Radio Impulses from the Ionosphere, by V. L. Ginzburg, 15 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, 1943, Vol VII, No 4, pp 114-133.

SLA 59-20361

Sci
Feb 60
Vol 2, No 12

107,961

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Some Questions in the Physics of Ionospheric and Geomaget Disturbances and Related Questions in Ak Astrophysics, by M. N. Gnevyshev, 17 pp.

RUSSIAN, Nimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol VII, No 4, 1943, pp 134-144.

ATIC F-TS-9092/V

Sci - Geophysics
Mar 1957 CTS

45,069.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Perturbation of Radio Wave Fronts Due to Coastal Effect and Propagation Over Inhomogeneous Ground, by E. L. Feinberg, 12 pp. UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol VII, No 5, 1943, pp 167-176.

ATIC F-TS-8141

USSR
Scientific - [illegible] Electronics

7384

Nov 53 CTS

CIA 2008212 ATIC 126838

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

On a Method for Solving Problems of Electromagnetic Wave Propagation Over the Earth's Surface, by M. Leontovich. RUSSIAN, per, Izv AN SSSR, Ser Fiz, Vol 8, No 1, 1944, pp 16-22.
Dept of Navy APL/JHU T-2212

Sci-Phys
May 69

380,941

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Currents in the Ionosphere Causing Variations in the Earth's Magnetic Field, by I. E. Tamm, 18 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol VIII, No 2, 1944, pp 30-41.

ATIC F-TS-9093/III

Sci - Geophysics
Mar 1957 CTS

45,068

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Propagation of Radiowaves Along an Actural Surface,
by E. L. Feinberg, 38 pp. UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol VIII,
No 3, 1944, pp 109-131.

ATIC F-TS-8142

USSR
Scientific - Electronics

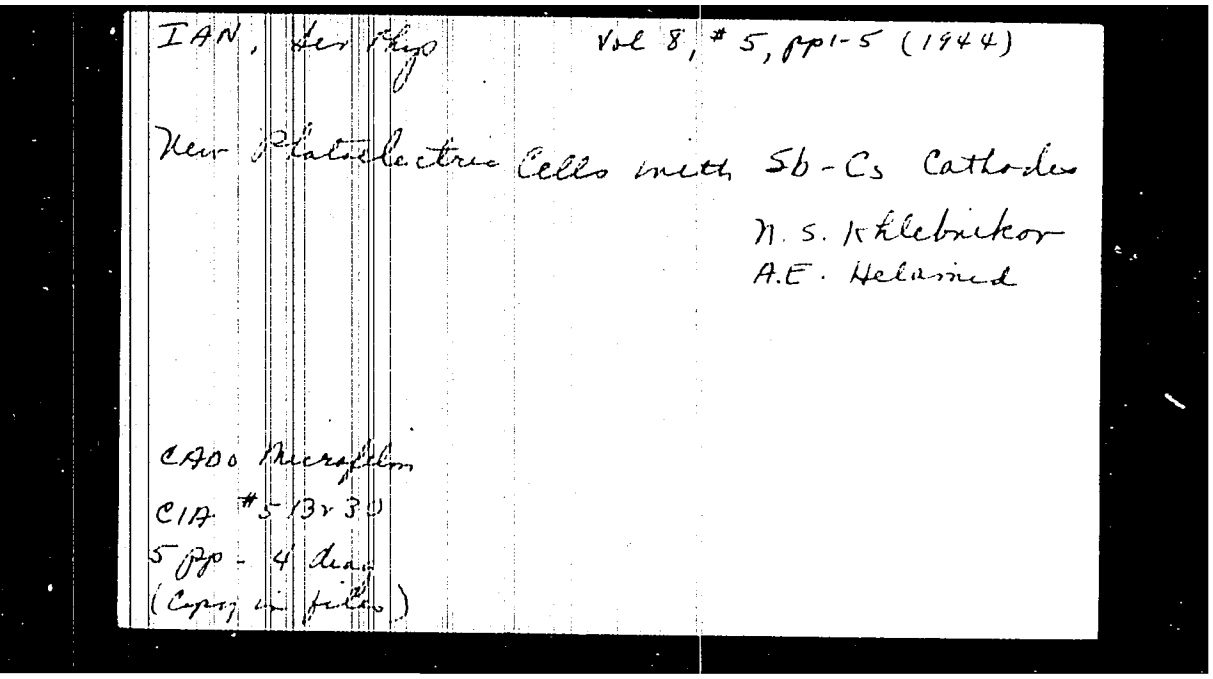
NYC 53 CTS

CIA 2008213 ATIC 126840

7385

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7



IAN, Ser Fis Vol 8, # 5, pp 1-5 (1944)

New Photoelectric Cells with Sb-Cs Cathodes

M. S. Khlebnikov
A. E. Helmund

CADO Microfilm
CIA #5-13-30
5 pp - 4 dia
(Copy in file)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Spivak, G. V. and Repkova, O. N.
BEHAVIOR OF AN ELECTRON-ION PLASMA IN A MAGNETIC FIELD. [1963] [9]p. 9 refs.
Order from CTS or SLA $1.10 63-14479

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, 1944, v. 8, no. 5, p. 275-279.

DESCRIPTORS: *Plasma physics, *Gas discharges, *Magnetic fields, Charged particles, Electrons, Energy, Distribution, Magnetic properties, Analysis

(Physics--Electronics, TT, v. 10, no. 2)

63-14479

I. Spivak, G. V.
II. Repkova, O. N.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Khlebnikov, N.
PHOTOCATHODES COMPLEXES (Complex Photocathodes). 8p.
Order from OTS, ETC or CNR ; $0.80 62-28094

Trans. in French of Akademiya Nauk. Izvestiya. Seriya Fizicheskaya, 19--, v. 8, no. 3, p. 286-289.

DESCRIPTORS: *Photoemission, *Cathodes, Antimony alloys, Cesium alloys, Semiconductors, Secondary emission, Oxygen, Silver alloys, Theory.

(Physics--Solid State, TT, v. 10, no. 7)

62-28094

I. Khlebnikov, N.
II. Centre National de la Recherche Scientifique (France)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Iz Ak Nauk SSSR, Seriya Fiz Vol 8, page 346-51 (1944)

Electronic Devices With Effective Emitters of Secondary Electrons. by R. M. Aranovich.

AEC Trans (avail. Brookhaven)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Effect of Strong Electric Fields on Secondary Electron Emission From Thin Dielectric Films, by D. V. Zernov, 9 pp.

RUSSIAN, per, Zh Iz Ak Nauk SSSR, Ser Fiz, Vol VIII, 1944, pp 352-356.

AEC Tr 2555
SLA RT-4577

Sci -- Electricity Physics 40,429
Nov 56 CTS

OTS TT-62-28095 (RUSSIAN TO FRENCH)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Electronic Devices With Effective Emitters of Secondary Electrons, by N. N. Aranovich.

RUSSIAN, per, Bulletin of the Academy of Sciences, Physics Series, Vol VIII, 1944.

AEC Tr

Scientific - Electronics

12,809

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

L. I. Mandel'shtam and the Theory of Non-Linear Vibrations, by A. A. Andronov, 53 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol IX, No 1-2, 1945, pp 30-55.

Sci Trans Center RT-1037
SL.9 M13

Scientific - Physics

Jan 54 CIS 8682

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Chulanovskii, V. M. and Penkin, N. P.
INVESTIGATION OF THE POLYMERIZATION OF STYRENE BY ABSORPTION SPECTRA IN THE NEAR INFRARED REGION. [1961] 6p.
Order from OTS or SLA $1.10 61-18355

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, 1945, v. 9, p. 206-210.

DESCRIPTORS: *Polymerization, *Stryenes, *Absorption, Chemical reactions, Spectrographic analysis, *Infrared spectroscopy.

A discussion of the suitability of infrared analysis for following up reacti ns such as polymerization of styrene and some data intended only to confirm the suitability of this method are reported. The thickness of the sample is most favorable at which the ratio of the amount of light passing through the sample unab-
(Physics--Spectroscopy, TT, v. 6, no. 10) (over)

61-18355

I. Chulanovskii, V. M
II. Penkin, N. P.

187262

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

61-18354

Bazhulin, P. A.
RAMAN SPECTRA OF INDIVIDUAL HYDROCARBONS. [1961] 4p. 4 refs.
Order from OTS or SLA $1.10 61-18354

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, 1945, v. 9, p. 222-224.

DESCRIPTORS: *Hydrocarbons, Spectrographic analysis, *Raman spectroscopy, *Naphthenes.

Raman spectroscopical studies of mixtures of synthesized paraffins and naphthenes are briefly related, on the basis of which some of the most characteristic Raman spectrum lines of several hydrocarbons usually found in the fractions 55°-65° and 85°-90°C have been identified. (Author)

(Physics--Spectroscopy, TT, v. 6, no. 10)

1. Bazhulin, P. A.

187261

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Kvater, G. S.

Absolute Intensity Lines of Yellow Sodium Doublet.

RUSSIAN, per, Iz Ak Nauk S. S. S. R. Ser Fiz., Vol IX, 1945, pp. 236-237.

(4 tables)

PL 480
OTS 61-11437

Nov 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Photoluminescence of Solutions by S. I. Vavilov
30 pp.

RUSSIAN, per, Izvest Akad Nauk SSSR Ser. Fiz.,
1945, No 9, 283-304. 921378

AEC-tr-5919

Sci - Phys
Oct 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Luminescence of Crystalline Substances, by V. L. Levshin, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol IX, 1945, pp 355-368. 9089549

AEC Tr-5110

Sci - Phys
Jul 62

211,396

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Spectrum Analysis of Elements Difficult to Excite, by V. K. Prokof'ev, 15 pp.

RUSSIAN, Izvest Ak Nauk SSSR,Fiz Ser, Vol IX, No 6, 1945, pp 691-698.

SLA R-1163

Sci

Jun 58

65,867

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Nonstationary Processes in Resonance and Band Amplifiers, by A. N. Shchukin.

RUSSIAN, per, Izvestiya, An USSR, ~~Phys~~ Ser, Vol X, No 1, 1946, pp 37-48.

Morris D. Friedman

Electronics

Sci

Aug 48

68,918

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

On a Method of Combatting Impulse Interference in Radio Reception, by A. N. Shchukin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol X, No 1, 1946, pp 49-56.

MIT Lincoln Lab

Sei - Electron

Jul 58

67,149

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

The Role of Coagulation in the Origin of Lightning Discharges. I., by Ye. I. Frenkel, V. S. Shishkin, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol X, No 4, 1946.

SLA 59-15564

Sci
Dec 59
Vol 2, No 4

103,073

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

IZV AK NAUK SER FIZ Vol X, No 5/6 May 1946

10 pp

"Elementary Law of Decay of 'Crystalline' Luminescence"

E. I. Adirovich

NRL Translation No 204

AT-1051

12T81

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

IZV AK NAUK SER FIZ VOL X, No 5/6 May 1946

4 pp

"New Industrial Method of Growing Corundum Crystals"

S. K. Popov

NRL Translation No 137

AF-999

12T78

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

IZV AK NAUK SER FIZ Vol X, No 5/6 May 1946

28 pp

"The Magnetic Spectrograph"

V. V. Gey, G. D. Latyshev

CD 2685.1A
Requested from Dept of Navy ltr. dated 2 Dec. 1947
English version of this item available in
Journal of Physics, Vol X, No 5 (1946)

12T82

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

On Recombination of Phosphorescence, by V. V. Antonov-Romanovskiy, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Ser Fiz, Vol X, 1946, pp 477-487. 9201244

9202261

AEC UCRL Tr 852(L)

Sci - Phys

Jan 63

219,484

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Determination of the Effective Height of the Luminescence of the Night Sky, by V. G. Fesenkov, 33 pp.

Full tr

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI, No 1, Moscow, 1947, pp 19-38.

ATIC-F-TS-8842/III

37,981

Scientific - Physics
CTS/Dnx Astronomy
Aug 56

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

IZV AK NAUK FIZ Vol XI, No 2 Feb 1947

8 pp

"Evolution of Views on the Structure of the Innosphere"

V. N. Kessenikh

Done by Navy
NRL Trans. No 274

Sci Br Cat NRL 32

8T113

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7

Radiation of Microwaves and Their Absorption in Air, by V. L. Ginzburg, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI, No 2, 1947, pp 165-182.

Sci Trans Center RT-399

Scientific - Physics
CTS/DEX

10,898

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170066-7